UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,343	07/03/2003	Elena Lialiamou	59643.00208	3765

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EXAMINER
PHUONG, DAI

ART UNIT	PAPER NUMBER
2617	

DATE MAILED: 05/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/612,343	LIALIAMOU ET AL.
	Examiner	Art Unit	
	Dai A. Phuong	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>23 March 2006</u>.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-46</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-46</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on <u>03 July 2003</u> is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection.   Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 01/30/2006 has been entered.

Response to Amendment

2.   Applicant's arguments filed 01/30/2006, with respect to claims 1-20 have been fully

considered but are not persuasive, with respect to claims 21-46 have been considered but are

moot in view of the new ground(s) of rejection. Claims 1-46 are currently pending.

Drawings

3.   The drawings are objected to because drawings are informal. Corrected drawing sheets

in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid

abandonment of the application. Any amended replacement drawing sheet should include all of

the figures appearing on the immediate prior version of the sheet, even if only one figure is being

amended. The figure or figure number of an amended drawing should not be labeled as

"amended." If a drawing figure is to be canceled, the appropriate figure must be removed from

the replacement sheet, and where necessary, the remaining figures must be renumbered and

appropriate changes made to the brief description of the several views of the drawings for

consistency. Additional replacement sheets may be necessary to show the renumbering of the

remaining figures. Each drawing sheet submitted after the filing date of an application must be

labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR

1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and

informed of any required corrective action in the next Office action. The objection to the

drawings will not be held in abeyance.

Applicant is given a TWO MONTH time period to submit new drawings in compliance

with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Failure to timely submit replacement drawing sheets will result in ABANDONMENT of the

application.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
> patent by another filed in the United States before the invention by the applicant for patent, except that an
> international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
> subsection of an application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

5.   Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Masuda (Pub.

No: 2003/0078031).

Regarding claim 1, Masuda communications system (fig. 1, [0093]) comprising: at least

one user device 10, said at least one user device configured to access a plurality of services in a

session (fig. 1, [0037] to [0039] and [0094]); a first entity 23 including an information store for

storing information defining an amount of money for said at least one user device ([0041] and

[0095]); and a controller 22, separate to said the first entity 23, for requesting at least a portion of

said amount of money to be reserved as a reserved portion (fig. 1, [0055] to [0056], [0060] to [0062]) and for controlling an allocation of said reserved portion between said plurality of services ([0046] to [0048] and [0060] to [0062]).

Regarding claim 2, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said reserved portion is divided into a plurality of parts between said plurality of services ([0046] to [0052]).

Regarding claim 3, Masuda discloses all the limitation in claim 2. Further, Masuda discloses a system wherein said reserved portion is divided equally ([0046] to [0052]).

Regarding claim 4, Masuda discloses all the limitation in claim 2. Further, Masuda discloses a system wherein said reserved portion is reallocated between said plurality of services when at least one of said plurality of services uses up its part of said reserved portion ([0040] to [0052]).

Regarding claim 5, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said reserved portion is allocated based on which of said plurality of services requires said reserved portion ([0049]).

Regarding claim 6, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said reserved portion is allocated dynamically ([0052]).

Regarding claim 7, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said reserved portion is allocated based on at least one of: service activity; **number of services**; and a unit cost of said plurality of services ([0040] to [0052]).

Regarding claim 8, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said controller is configured to monitor how much of said reserved portion has been used ([0040] to [0052]).

Regarding claim 9, Masuda discloses all the limitation in claim 8. Further, Masuda discloses a system wherein said reserved amount is monitored by periodically determining how much of said reserved portion each of said plurality of services have used to provide a plurality of values and summing the plurality of values ([0040] to [0052]).

Regarding claim 10, Masuda discloses all the limitation in claim 8. Further, Masuda discloses a system wherein said controller is configured to monitor how much of said reserved portion has been used by using information defining a cost of said plurality of services ([0040] to [0052] and [0088] to [0114]).

Regarding claim 11, Masuda discloses all the limitation in claim 10. Further, Masuda discloses a system wherein said information comprises a cost for one of a data or time unit ([0088] to [0114]).

Regarding claim 12, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein when said reserved portion is used up or has been at least partially used up a further portion of said amount of money is reservable ([0040] to [0052] and [0065]).

Regarding claim 13, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein a plurality of said plurality of services is accessed simultaneously ([0040] to [0052]).

Regarding claim 14, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said information store comprises one of: **a monetary value**; a data amount representative of said amount of money; a time representative of said amount of money; and an amount of a service access parameter ([0040] to [0052] and [0088] to [0114]).

Regarding claim 15, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein at least one of said plurality of services comprises an Internet service ([0088] to [0114] and [0116] and [0121]).

Regarding claim 16, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said controller comprises a plurality of entities (fig. 1 and fig. 14, [0036] to [0048] and [0093]).

Regarding claim 17, Masuda discloses all the limitation in claim 16. Further, Masuda discloses a system wherein said plurality of entities comprises at least one of a traffic analyzer (fig. 1 and fig. 14, [0036] to [0048] and [0102] to [0103]) and a credit controller (fig. 1 and fig. 14, [0036] to [0048] and [0095] and [0114]).

Regarding claim 18, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said controller comprises a credit controller (fig. 1 and fig. 14, [0036] to [0048] and [0095]).

Regarding claim 19, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said at least one user device is arranged to access a plurality of different service classed in a session ([0126]). .

Regarding claim 20, Masuda discloses all the limitation in claim 1. Further, Masuda discloses a system wherein said controller is configured to store information relating to a cost of said plurality of services ([0088] to [0114] and [0123]).

Claim Rejections - 35 USC § 103

6.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7.   Claims 21-29 and 31-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Masuda (Pub. No: 2003/0078031) in view of Ephraim et al. (Pub. No: 20040077332).

Regarding claim 21, Masuda discloses a communications system (fig. 1 and fig. 14, [0093]) comprising: at least one user device 10, said at least one user device being configured to access a plurality of services simultaneously (fig. 1, [0037] to [0039] and [0094]); a first entity 23 for storing information defining an amount of money for said at least one user device (fig. 1, [0041], [0048] and [0095]); and a controller 22 for requesting reservation of at least a portion of said amount of money as a reserved portion (fig. 1, [0055] to [0056], [0060] to [0062]), and controlling an allocation of said reserved portion between said plurality of services ([0046] to [0048] and [0060] to [0062]). However, Masuda does not disclose wherein said first entity 23 is configured to send to said controller information defining an amount of said reserved portion in a first form other than a monetary amount and said controller is arranged to convert information relating to said amount of said reserved portion to a second form as a monetary amount.

In the same field of endeavor, Ephraim et al. disclose wherein said first entity is configured to send to said controller information defining an amount of said reserved portion in a first form other than a monetary amount and said controller is arranged to convert information relating to said amount of said reserved portion to a second form as a monetary amount ([0040] to [0041]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the communication system of by specifically including wherein said first entity 23 is configured to send to said controller information defining an amount of said reserved portion in a first form other than a monetary amount and said controller is arranged to convert information relating to said amount of said reserved portion to a second form as a monetary amount., as taught by Masuda, the motivation being in order to determine whether a particular requested data transfer should be authorized or continue.

Regarding claim 22, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 21. Further, Masuda discloses a system wherein said first entity is configured to store data defining an amount of said reserved portion ([0090] and [0095]).

Regarding claim 23, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 21. Further, Masuda discloses a system wherein said first entity is configured to store a reference name in association with data defining the amount of said reserved portion ([0084] to [0086]).

Regarding claim 24, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 23. Further, Masuda discloses a system wherein said data is one of a cost for

a unit amount of a payment parameter of at least one service of said plurality of services ([0102] to [0102]).

Regarding claim 25, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 24. Further, Masuda discloses a system wherein said payment parameter is data volume, time, or service parameter of at least one service of said plurality of services ([0101] and [0102]).

Regarding claim 26, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 23. Further, Masuda discloses a system wherein said reference name is a dummy APN ([0084] to [0086]).

Regarding claim 27, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 23. Further, Masuda discloses a system wherein the reservation requested by said controller to said first entity comprises said reference name ([0084] to [0086]).

Regarding claim 28, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 24. Further, Ephraim et al. disclose a system wherein said information in said first form comprises said unit amount ([0041]).

Regarding claim 29, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 28. Further, Ephraim et al. disclose a system wherein said controller is arranged to convert said unit amount to a corresponding monetary amount to provide said second form ([0040] to [0041]).

Regarding claim 31, Ephraim et al. all the limitation in claim 21. Further, Masuda discloses a system wherein said controller operates in accordance with a RADIUS protocol ([0007]).

Regarding claim 32, Ephraim et al. all the limitation in claim 21. Further, Masuda discloses a system wherein said first form comprises at least one of time, data volume, or service access parameter ([0101]).

Regarding claim 33, Ephraim et al. all the limitation in claim 21. Further, Ephraim et al. disclose a system wherein said service access parameter comprises at least one of number of clicks or number of accesses ([0041]).

Regarding claim 34, Masuda discloses all the limitation in claim 21. Further, Ephraim et al. disclose a system wherein said second form comprises monetary value, number of clicks and number of accesses ([0041]).

Regarding claim 35, this claim is rejected for the same reason as set forth in claim 1.

Regarding claim 36, this claim is rejected for the same reason as set forth in claim 1.

Regarding claim 37, Masuda discloses a communications method comprising the steps of: accessing a plurality of services simultaneously (fig. 1, [0037] to [0039] and [0094]); storing information defining an amount of money for at least one user device ([0041], [0048] and [0095]); requesting a reservation of at least a portion of said amount of money as a reserved portion (fig. 1, [0055] to [0056], [0060] to [0062]). However, Masuda does not disclose sending to a controller for allocating said reserved portion between said plurality of services information defining an amount of said reserved portion in a first form other than a monetary amount; and

converting information relating to said amount of said portion to a second form as a monetary amount, and then allocating said reserved portion between said plurality of services.

In the same field of endeavor, Ephraim et al. disclose sending to a controller for allocating said reserved portion between said plurality of services information defining an amount of said reserved portion in a first form other than a monetary amount ([0040] to [0041] and [0054] and [0057]); and converting information relating to said amount of said portion to a second form as a monetary amount, and then allocating said reserved portion between said plurality of services ([0040] to [0041] and [0054] and [0057]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the communication system of by specifically including sending to a controller for allocating said reserved portion between said plurality of services information defining an amount of said reserved portion in a first form other than a monetary amount; and converting information relating to said amount of said portion to a second form as a monetary amount, and then allocating said reserved portion between said plurality of services, as taught by Masuda, the motivation being in order to determine whether a particular requested data transfer should be authorized or continue.

Regarding claim 38, Masuda discloses a controller for use in a communications system comprising: at least one user device, said at least one user device being configured to access a plurality of services simultaneously (fig. 1, [0037] to [0039] and [0094]); and a first entity for storing information defining an amount of money for said at least one user device ([0041] and [0095]), said controller being configured to request a reservation of at least a portion of said

amount of money as a reserved portion (fig. 1, [0055] to [0056], [0060] to [0062]). However, Masuda does not disclose to convert information defining an amount of said reserved portion in a first form other than a monetary amount received from said first entity to a second form as a monetary amount, and to then control an allocation of said reserved portion between said plurality of services.

In the same field of endeavor, Ephraim et al. disclose to convert information defining an amount of said reserved portion in a first form other than a monetary amount received from said first entity to a second form as a monetary amount, and to then control an allocation of said reserved portion between said plurality of services ([0040] to [0041] and [0054] and [0057]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the communication system of by specifically including wherein to convert information defining an amount of said reserved portion in a first form other than a monetary amount received from said first entity to a second form as a monetary amount, and to then control an allocation of said reserved portion between said plurality of services, as taught by Masuda, the motivation being in order to determine whether a particular requested data transfer should be authorized or continue.

Regarding claim 39, this claim is rejected for the same reason as set forth in claim 1.

Regarding claim 40, Masuda discloses a communications system comprising: accessing means for accessing a plurality of services simultaneously (fig. 1, [0037] to [0039] and [0094]); storing means for storing information defining an amount of money for at least one user device ([0041] and [0095]); requesting means for requesting a reservation of at least a portion of said

amount of money as a reserved portion (fig. 1, [0055] to [0056], [0060] to [0062]); However, Masuda does not disclose sending means for sending information defining an amount of said reserved portion in a first form other than a monetary amount; and control means for converting means for converting information relating to said amount of said portion to a second form as a monetary amount, and controlling an allocation of said reserved portion between said plurality of services.

In the same field of endeavor, Ephraim et al. disclose sending means for sending information defining an amount of said reserved portion in a first form other than a monetary amount ([0040] to [0041] and [0054] and [0057]); and control means for converting means for converting information relating to said amount of said portion to a second form as a monetary amount, and controlling an allocation of said reserved portion between said plurality of services ([0040] to [0041] and [0054] and [0057]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the communication system of by specifically including sending means for sending information defining an amount of said reserved portion in a first form other than a monetary amount; and control means for converting means for converting information relating to said amount of said portion to a second form as a monetary amount, and controlling an allocation of said reserved portion between said plurality of services, as taught by Masuda, the motivation being in order to determine whether a particular requested data transfer should be authorized or continue.

Regarding claim 41, this claim is rejected for the same reasons as set forth in claim 8.

Regarding claim 42, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 41. Further, Masuda discloses a system wherein said requesting means is configured to monitor how much of said reserved portion has been used by using information defining a cost of said plurality of services ([0050] to [0052]).

Regarding claim 43, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 40. Further, Masuda discloses a system wherein said storing means comprises one of: **a monetary value**; a data amount representative of said amount of money; a time representative of said amount of money; and an amount of a service access parameter ([0038]).

Regarding claim 44, the combination of Masuda and Ephraim et al. disclos eall the limitation in claim 40. Further, Masuda discloses a system wherein said requesting means comprises a plurality of entities (fig. 1, [0036]).

Regarding claim 45, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 40. Further, Masuda discloses a system wherein said requesting means comprises a credit controller (fig. 1, [0039]).

Regarding claim 46, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 40. Further, Masuda discloses a system wherein said requesting means is configured to store information relating to a cost of said plurality of services ([0090] and [0095]).

8.   Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Masuda (Pub. No: 2003/0078031) in view of Ephraim et al. (Pub. No: 20040077332) and further in view of Dannehr et al. (Pub. No: 2003/0037176)

Regarding claim 30, the combination of Masuda and Ephraim et al. disclose all the limitation in claim 21. But, the combination of Masuda and Ephraim do not disclose a system wherein said first entity operates in accordance with a CAMEL protocol.

In the same field of endeavor, Dannehr et al. disclose a system wherein said first entity operates in accordance with a CAMEL protocol ([0007] and [0008])

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the communication system of the combination of Masuda and Ephraim by specifically including first entity operates in accordance with a CAMEL protocol, as taught by Gonthier et al., the motivation being in order to provide the customer with operator-specific services.

Response to Argument

9.   Applicant, on page 13, line 16 to page 14, line 3 of his response, argues that Masuda, in Claim 1, fails to disclose or suggest a communications system comprising: at least one user device, said at least one user device configured to access a plurality of services in a session; a first entity including an information store for storing information defining an amount of money for said at least one user device; and a controller, separate to said the first entity, for requesting at least a portion of said amount of money to be reserved as a reserved portion and for controlling an allocation of said reserved portion between said plurality of services. However, the Examiner disagrees. Masuda discloses a communications system (fig. 1, [0093]) comprising: at least one user device 10, said at least one user device configured to access a plurality of services in a session (fig. 1, [0037] to [0039] and [0094]. Specifically, Masuda discloses that on receiving a

packet service request from the user terminal device 10, the packet processing device 31

transmits the service request to the prepayment control device 20 for access); a first entity 23

including an information store for storing information defining an amount of money for said at

least one user device ([0041], [0048] and [0095]. Specifically, Masuda discloses that the

prepaid service providing means 23 transmits to the gateway 32 *information about the balance*

of the user who has requested the packet service to be charged. It is inherent that the a first

entity 23 including an information store for storing information defining an amount of money for

said at least one user device); and a controller 22, separate to said the first entity 23, for

requesting at least a portion of said amount of money to be reserved as a reserved portion (fig. 1,

[0055] to [0056], [0060] to [0062]. Specifically, Masuda discloses that the prepayment control

means 22 acknowledges the registration information including the allotments of the balance.

Then, in accordance with the allotments specified by the user, the prepaid service providing

means 23 provides the prepaid services) and for controlling an allocation of said reserved portion

between said plurality of services ([0046] to [0052] and [0060] to [0062] Specifically, Masuda

discloses that the prepayment control means 22 performs recalculation such that the balance is

allotted equally to the individual prepaid services).

Conclusion

10.   Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The
examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Nguyen M Duc can be reached on 571-272-7503. The fax phone number for the
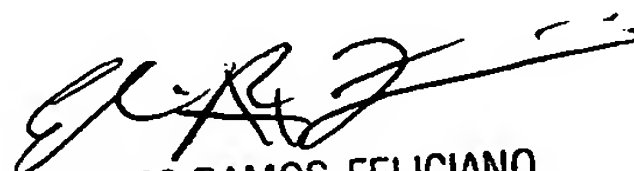organization where this application or proceeding is assigned is 571-273-7503.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong
AU: 2617
Date: 05-11-2006

ELISEO RAMOS-FELICIANO
PRIMARY EXAMINER